

*Sustainable
Building
Projects*



Monroe Street Bridge
Spokane, WA

McCarthy Athletic Center
Gonzaga University
Spokane, WA



Northern Quest Casino
Airway Heights, WA

River District Green Homes
Liberty Lake, WA



Battelle Biological &
Computational Science Facility
LEED Certified
Richland, WA

**Central Pre-Mix
Concrete Co.**

Ready Mix Concrete
Sand & Gravel
Concrete Construction Supplies



BUILD FOR A BETTER WORLD

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www.centralpremix.com
An Oldcastle Materials Company

Central Pre-Mix
Concrete Co.

*Concrete Solutions
For
Sustainable Projects*

SustainCon

Commercial & Residential
Environmentally-Conscious
Concrete Mixes



BUILD FOR A BETTER WORLD

What is SustainCon Concrete?

Sustainability: *Meeting the needs of the present without compromising the ability of future generations to meet their needs.*

SustainCon is a product line of commercial and residential concrete mixes provided exclusively by Central Pre-Mix Concrete Co. and designed to “Build for a Better World”. These mixes are designed with our environment in mind and contribute to a sustainable world.



Concrete, in general, is one of the strongest building materials. It's durable, low maintenance, and can withstand fire* and extreme weather conditions. **SustainCon** not only has these attributes but also those associated with sustainable building. **SustainCon** mixes incorporate the latest in concrete technology and are targeted to meet specific applications. For example, our Pervious ProS4 is engineered to produce a high performance pervious concrete system, which prevents storm water run-off from entering and polluting our rivers and streams. Pervious ProS4 also helps you to meet a specific sustainability goal of the U.S. Green Building Council's LEED rating program.

“Green Building” and “Sustainable Development” are the biggest topics of today. Central Pre-Mix's performance-based **SustainCon** concrete mixes can help architects, engineers, developers, and builders meet the needs of sustainability as well as superior durability, workability, and economy.

* up to temperatures much greater than most building products.

How is SustainCon Beneficial?

- 100% Recyclable
- Reduces the environmental impact of transporting material because it is produced locally from abundant natural resources.
- Replaces cement content by certain percentages with SCM's (supplementary cementitious materials), thereby reducing the CO2 emissions and landfill waste.
- Reflects more natural light with the light color reducing lighting infrastructure costs. The light color also absorbs less heat helping to reduce 'Heat Island Effects'.
- Helps control temperature fluctuations in a building because of the thermal mass of concrete resulting in more regulated heating and cooling. This means smaller heating and cooling units can be installed decreasing energy use.
- Pervious ProS4 allows for water penetration, which directly recharges groundwater helping to maintain aquifer levels and diverting storm water run off from rivers, streams, lakes and sewers. Pervious ProS4 also channels more water to tree roots and landscaping resulting in less need for irrigation and helps to control pollutants that can contaminate watersheds and harm sensitive ecosystems.
- Has the lowest carbon footprint of any other building material.
- The lifecycle of concrete buildings outperforms most other building materials such as lumber.



Central Pre-Mix's Performance-based SustainCon Concrete Mixes

Lifecrete Series:

Designed for Residential Building Projects

- **Standard Green Mixes**
Meets Standard Building Requirements
- **Pro Green Mixes**
For the Professional Builder
- **Master Green Mixes**
For the Master Builder

ProS4 Series:

Designed for Commercial Building Projects

- **PT ProS4: PT Deck Concrete Applications**
- **SCC ProS4: Self-consolidating Concrete**
- **Pervious ProS4: Pervious Concrete Applications**
- **CDF ProS4: Control Density Fill Applications**
- **Shotcrete ProS4: Shotcrete Applications**